

| | | | |
|----------------|-----|---|-----|
| D _b | 61 | AGCATGAGACCATTCAGTGTGAACAAAAGAGCATGTGTGAGACAGGAGCCCTCCAGA | 120 |
| Q _y | 121 | GAAGCCAGAAAGCAGTGAAGTGGCTTTCAAAACCGATGTGATGATTCAGAGGCTGAA | 180 |
| D _b | 121 | GAAGCCAGAAAGCAGTGAAGTGGCTTTCAAAACCGATGTGATGATTCAGAGGCTGAA | 180 |
| Q _y | 181 | GGATGACAAATATTAATTTCCAGAAAGTTTGGCAAACTTCTCTTTGTGTGACATGT | 240 |
| D _b | 181 | GGATGACAAATATTAATTTCCAGAAAGTTTGGCAAACTTCTCTTTGTGTGACATGT | 240 |
| Q _y | 241 | GAAGATAGCAAGCCATTTGCCGTTCCGAGTTTCCCCCGGCGCTGTGCGCTGC | 300 |
| D _b | 241 | GAAGATAGCAAGCCATTTGCCGTTCCGAGTTTCCCCCGGCGCTGTGCGCTGC | 300 |
| Q _y | 301 | TGGCAGCATGTTAATTTCCAGAACTCACAGAAATTAAGCCAGAGAGATCTTTGTAAT | 360 |
| D _b | 301 | TGGCAGCATGTTAATTTCCAGAACTCACAGAAATTAAGCCAGAGAGATCTTTGTAAT | 360 |
| Q _y | 361 | CATCTTCTCTCCCTCCCGAGCTCCCAAGAACATACCCAAAAGCTT | 408 |
| D _b | 361 | CATCTTCTCTCCCTCCCGAGCTCCCAAGAACATACCCAAAAGCTT | 408 |

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RESULT 2
US-10-001-843-20
; Sequence 20, Application US/10001843
; Publication No. US20020132255A1
; GENERAL INFORMATION:
; APPLICANT: Salceda, Susana
; APPLICANT: Macina, Roberto
; APPLICANT: Recipon, Herre
; APPLICANT: Cafterkey, Robert
; APPLICANT: Sun, Yongming
; APPLICANT: Liu, Chenghua
; APPLICANT: Turner, Leah
; TITLE OF INVENTION: Compositions and Methods Relating to Breast Specific Genes and P
; FILE REFERENCE: DDX-0267
; CURRENT APPLICATION NUMBER: US/10/001,843
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 60/249,992
; PRIOR FILING DATE: 2000-11-20
; NUMBER OF SEQ ID NOS: 218
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 1154
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1014)..(1014)
; OTHER INFORMATION: a, c, g or t
US-10-001-843-20

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| | | | | |
|---------------------------|--------|---------------------|-----------|--------------|
| Query Match | 99.4% | Score 405.4; | DB 13; | Length 1154; |
| Best Local Similarity | 99.8%; | Pred. No. 1.6e-130; | | |
| Matches 407; Conservative | 0; | Mismatches 1; | Indels 0; | Gaps 0; |

| QY | 1 | GACCACTGCTGCCATCTCCACGAGGTTGGAAACAGAAAATGGCCGCTGCACATAC | 60 |
|----|-----|---|-----|
| Dd | 747 | GACCACTGCTGCCATCTCCACGAGGTTGGAAACAGAAAATGGCCGCTGCACATAC | 806 |
| QY | 61 | AGCATGAGCCATCAGTTAGCAAAAAGAACATGTGAGACAGCAAGCCCTCCAGA | 120 |
| Dd | 807 | AGCATGAGCCATCAGTTAGCAAAAAGAACATGTGAGACAGCAAGCCCTCCAGA | 866 |
| QY | 121 | GAAAGCCAGAAAGGCACTGATGCTTTCAAACTGATGTGTCATTCAAGGCTGGAA | 180 |
| Dd | 867 | GAAAGCCAGAAAGGCACTGATGCTTTCAAACTGATGTGTCATTCAAGGCTGGAA | 926 |
| QY | 181 | GGATGACATATTAATCTTCCAGAAAGTTTGGCAAACTTCTCTTTGTGACATGT | 240 |
| QY | 927 | GGATGACATATTAATCTTCCAGAAAGTTTGGCAAACTTCTCTTTGTGACATGT | 986 |

| | | | |
|----|------|--|------|
| QY | 241 | GAATAATGCAAGCATTCGCGTTCCGGNTTTCCTCCCGCGGATCCGCGCTGTGGCTGCG | 300 |
| Db | 987 | GAATAATGCAAGCCATTGCGTTCCGGNTTTCCTCCCGCGGATCCGCGCTGTGGCTGCG | 1046 |
| QY | 301 | TGCGAAGCATGTTAATTCCAGAACTCAGACAGATTAAGCCAGAGAGATCCTGTAACT | 360 |
| Db | 1047 | TGCGAAGCATGTTAATTCCAGAACTCAGACAGATTAAGCCAGAGAGATCCTGTAACT | 1106 |
| QY | 361 | CATCTTCTCTCCCTCCCGACCTCCACAGAACCATACCCAAAAAGCTT | 408 |
| Db | 1107 | CATCTTCTCTCCCTCCCGACCTCCACAGAACCATACCCAAAAAGCTT | 1154 |

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; RESULT 3
; US-09-817-318-17
; Sequence 17, Application US/09817318
; Patent No. US20020037250A1
; GENERAL INFORMATION:
; APPLICANT: Salceda, Susana
; APPLICANT: Hu, Ping
; APPLICANT: Recipon, Herve
; APPLICANT: Cafeterkey, Robert
; TITLE OF INVENTION: COMPOSITIONS AND METHODS OF DIAGNOSING, MONITORING,
; TITLE OF INVENTION: STAGING, IMAGING AND TREATING MAMMARY GLAND CANCER
; FILE REFERENCE: DEX-0199
; CURRENT APPLICATION NUMBER: US/09/817,318
; CURRENT FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: 60/192,277
; PRIOR FILING DATE: 2000-03-27
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 391
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-817-318-17

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|---------------------------|--------|---------------------|------------|-------------|
| Query Match | 83.64; | Score 341.2; | DB 9; | Length 391; |
| Best Local Similarity | 93.94; | Pred. No. 2.3e-108; | | |
| Matches 383; Conservative | 0; | Mismatches 8; | Indels 17; | Gaps 2; |

| | | | |
|----|-----|--|-----|
| QY | 1 | GACCAACTGTGCTCATCTCCACGAGGTTGTGAAGAGAGAAAATGGGCGCCTGACATAC | 60 |
| Db | 1 | GACCAACTGTGCTCATCTCCACGAGGTTGTGAAGAGAGAAAATGGGCGCCTGACATAC | 60 |
| QY | 61 | AGCATGAGAGCCATCAGTTAGCAAAAAGAACATGTGTGAGACAGCGAAGGCGCTCCAGA | 120 |
| Db | 61 | AGCATGAGAGCCATCAGTTAGCAAAAAGAACATGTGTGAGACAGCGAAGGCGCTCCAGA | 120 |
| QY | 121 | GAAGCGACGAAAGGCGATGATGCGCTTTCAAAACCGATGTGTGCATTCCAGAGGCTGGAA | 180 |
| Db | 121 | GAAGCGACGAAAGGCGATGATGCGCTTTCAAAACCGATGTGTGCATTCCAGAGGCTGGAA | 180 |
| QY | 181 | GGATGACAAATATTACTTTCCCGAAGATTTGCGAAAATCTTCTTTGTGTGACATGT | 240 |
| Db | 181 | -GATGACAAATATTACTTTCCCGAAGATTTGCGAAAATCTTCTTTGTGTGACATGT | 239 |
| QY | 241 | GAAATAGCAAGCCATTCGCGCTTCCGAGTTTCCCCCGGAGTCCCGGCGTGTGGGTGCG | 300 |
| Db | 240 | GAAATAGCAAGCCATTCGCGCTTCTT-----CCCCGGCGCGTGTGGTTCG | 283 |
| QY | 301 | TGCGAAGCATGTTAATTTCCAGAACTCAGAAATTTAAAGCCAGAGAGATCTTTTAAT | 360 |
| Db | 284 | TGCGAAGCATGTTAATTTCCAGAACTCAGAAATTTAAAGCCAGAGAGATCTTTTAAT | 343 |
| QY | 361 | CATCTTCTCTCCCTCCAGAGCTCCACAGAACCATATCCAAAAAGCTT | 408 |
| Db | 344 | CATCTTCTCTCCCTCCAGAGCTCCACAGAACCATATCCAAAAAGCTT | 391 |

RESULT 4
US-09-918-995-33895